



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460**

**OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION**

February 14, 2017

Mr. Thomas A. Lennan
Regulatory Affairs Specialist
McLaughlin Gormley King Company
8810 Tenth Avenue North
Minneapolis, MN 55427-4319

Subject: Notification per PRN 98-10 – Addition of New Alternate Brand Name & Scaling
Down Dilution Rates/Applications for Distributing Smaller Volumes of Product
Product Name: NYLAR® Concentrate 2607
EPA Registration Number: 1021-1620
Application Date: October 12, 2016
Decision Number: 522645

Dear Mr. Lennan:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records. The alternate brand name "PestXpert IGR Concentrate" has been added to the product record.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If you have any questions, please contact Mr. Carmen J. Rodia, Jr. by phone at (703) 306-0327, or via email at Rodia.Carmen@epa.gov.

Sincerely,



Richard Gebken
Product Manager 10
Invertebrate & Vertebrate Branch 2
Office of Pesticide Programs

Enclosure: Label Stamped "Accepted," dated February 14, 2017

NYLAR® Concentrate 2607

[ABNs: NyGuard EZ1 ; NyGuard EZ1 IGR Concentrate; PestXpert IGR Concentrate]

[Emulsifiable Concentrate with Insect Growth Regulator for Control of Fleas, Stored Product Pests, listed Roaches, Crickets, Litter Beetles, and Flying Insects]

For use in the home and in Food and Non-food areas of Restaurants, Food Processing Plants, Food and Non-Food Warehouses, Grocery Stores and Supermarkets, Schools, Office Buildings, Apartments, Hotels and Motels, Hospitals, Tobacco Plants and Warehouses, Manufacturing Plants, Commercial and Industrial Buildings, Transportation Equipment [Automobiles, Boxcars, Buses, Boats, Trucks, Railcars, Ship Cargo Holds], and outside on Lawns and Building Perimeters

Contains Nylar® Insect Growth Regulator

[] OR () indicates alternate or optional wording

NYLAR® Concentrate 2607 [or brand name] stops [prevents] the flea and certain listed cockroaches from developing into egg laying adults
NYLAR® Concentrate 2607 [or brand name] keeps working in areas exposed to the sun for up to 14 days

Continuous protection against stored product pests for 3 months
Labeled for use in food areas of food handling establishments
Labeled for Spot, Crack and Crevice, and Fogging use in food-handling establishments

Inhibits reinfestation by fleas for up to [210 days] [30 weeks] [7 months]
If adult fleas are introduced from untreated areas, their offspring will not become biting [reproductive] adults
Kills preadult [larval] fleas, including eggs for [210 days] [30 weeks] [7 months]
Prevents larval fleas from developing into the biting adult stage
Prevents [stops] hatching fleas [preadult (larval) fleas] [eggs (hatching eggs) (larvae)] from becoming full grown [developing into] biting adults
One treatment works for [210 days] [30 weeks] [7 months] against hatching fleas [preadult (larval) fleas] [eggs (hatching eggs) (larvae)]
Prevents new [tomorrow's] fleas from growing up to bite
NYLAR® Concentrate 2607 [or brand name] activity keeps working for [210 days] [30 weeks] [7 months]
Effective long-term control against fleas for [210 days] [30 weeks] [7 months]
Controls [stops (kills) (prevents)] immature stages of fleas that don't resemble fleas for [210 days] [30 weeks] [7 months]
Prevents [stops] the emergence of adult fleas
Flea eggs deposited on treated areas will not develop into adult fleas
Larvae crawling onto treated areas will not develop into adult fleas

ACTIVE INGREDIENT:

2-[1-Methyl-2-(4-phenoxyphenoxy) ethoxy] pyridine	1.30%
*OTHER INGREDIENTS	98.70%
	100.00%

*Contains petroleum distillates

NYLAR® - Registered trademark of McLaughlin Gormley King Company

NYLAR® Concentrate 2607 [or brand name] acts on the immature life stage of the flea, preventing it from developing into biting adults
Prior to the flea season, previously known infested areas can be pretreated to reduce the developing population

NYLAR® Concentrate 2607 [or brand name] can be used alone or in combination with other insecticides

NYLAR® Concentrate 2607 [or brand name] is photostable for up to 14 days, providing residual control of outdoor pests such as fleas and cockroaches, even in areas with direct sunlight
Reduces egg production in house flies and prevents development of larvae (maggots) into adults

Effectively breaks certain listed cockroach life cycle
NYLAR® Concentrate 2607 [or brand name] keeps working on listed cockroaches for 180 days [26 weeks] [6 months]
Interrupts [break] the life cycle of listed cockroaches
Inhibits reinfestation by listed cockroaches for up to 180 days [26 weeks] [6 months]
Effectively controls [eliminates] listed cockroach populations by preventing reproduction [thereby eliminating future generations]
Prevents [stops] [inhibits] listed nymphal cockroaches from becoming adults [breeding adults] [reproductive adults] [egg laying adults]
One treatment stops listed cockroaches from generating reproductive offspring for [180 days] [26 weeks] [6 months]
For control of Fleas, Listed Roaches, Crickets & Flying Insects (such as Mosquitoes & Gnats)
Prevents adult mosquito emergence of the Aedes [aegypti] [that may transmit Zika virus]
Prevents Aedes [aegypti] mosquito larvae from becoming [breeding] [biting] adults [that may transmit Zika virus]
Kills Aedes [aegypti] mosquito larvae before they become [breeding] [biting] adults [that may transmit Zika virus]
Kills Aedes [aegypti] mosquito larvae in [contained] [standing] [stagnant] non-potable water
Prevents development of Aedes [aegypti] adult mosquitoes [that may transmit Zika virus] when applied to [contained] [stagnant] water
Kills Aedes [aegypti] mosquito larvae in standing water, flower pots, bird baths, car tires, damp wet areas, containerized ponds and stagnant water
Larvacide application to contained water, according to label use directions, prevents the development of adult Aedes [aegypti] mosquitoes [that may transmit Zika virus]

NOTIFICATION

1021-1620

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

02/14/2017

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
IF SWALLOWED:	<ul style="list-style-type: none">Immediately call a poison control center or doctor.Do not induce vomiting unless told to do so by the poison control center or doctor.Do not give any liquid to the person.Do not give anything by mouth to an unconscious person.
IF IN EYES:	<ul style="list-style-type: none">Hold eye open and rinse slowly and gently with water for 15-20 minutes.Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.Call a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none">Take off contaminated clothing.Rinse skin immediately with plenty of water for 15-20 minutes.Call a poison control center or doctor for treatment advice.
NOTE TO PHYSICIAN: Contains petroleum distillate – vomiting may cause aspiration pneumonia.	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information regarding medical emergencies or pesticide incidents, call 1-888-740-8712.	

Manufactured by



Net Contents: _____

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic invertebrates. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters. Observe the most restrictive of labeling limitations and precautions of all products used in mixtures.

PHYSICAL OR CHEMICAL HAZARDS

Combustible. Do not use or store near heat or open flame. Do not use this product in or on electrical equipment due to possibility of shock hazard.

For use in areas such as:

Animal Quarters (enclosed premise treatment), Apartments, Atriums, Attics, Automobiles, Bakeries, Basements, Bathrooms, Bedrooms, Boats, Breweries, Buses, Cabinets, Cabins, Cafeterias, Campers, Campsites, Candy Plants, Canneries, Carpets, Cat Living [Sleeping] Quarters (enclosed premise treatment), Cereal Processing Facilities, Chests, Closed Porches, Closets, Clothes Storage, Commercial Buildings, Condominiums, Convenience Stores, Crawl Spaces, Crematoriums, Dairies, Day Care Centers, Decks, Delicatessens, Dens, Dog Houses, Dog Kennel Runs, Dog Living [Sleeping] Quarters, Dormitories, Draperies, Dressers, Drive-Ins, Drugstores, Fabric Storage Areas, Factories, Floors, Flour Mills, Food and Non-Food Warehouses, Food Processing Plants, Funeral Parlors, Furniture, Garages, Garbage Areas, Garbage Cans, Gas Stations, Gazebos, Grain Storage Facilities, Grocery Stores, Homes, Hospitals, Hotels, Indoor Eating Establishments, Industrial Plants, Institutional Dining Areas, Institutions, Jails, Kennels, Kitchens, Lanais, Lawns, Living Rooms, Locker Rooms, Mass Merchandising Stores, Mausoleums, Mess Halls, Mobile Canteens, Mobile Homes, Morgues, Mortuaries, Motels, Nursing Homes, Office Buildings, Other Public Buildings, Outdoor Eating Establishments, Pantries, Parks, Patios, Pet Bedding, Pet Carriers, Pet Grooming Parlors, Pet Quarters (enclosed premise treatment), Pet Sleeping Areas, Pet Stores, Play Houses, Play Rooms, Porches, Prisons, Recreation Vehicles, Recreational Areas Indoors, Recreational Areas Outdoors, Restaurants, Rooms, Rugs, Schools, Ships, Shutters, Side Yards, Solariums, Sports Stadiums, Storage Areas, Sun Porches, Sun Rooms, Supermarkets, Taverns, Theaters, Tobacco Plants and Warehouses, Town Houses, Trailers, Trains, Transportation Equipment (Automobiles, Boxcars, Buses, Boats, Trucks, Railcars, Ship Cargo Holds), Tree Houses, Upholstered Furniture, Utility Room Indoor, Utility Room Outdoor, Vending Machines, Verandas, Veterinary Clinics and Hospitals, Warehouses, Washrooms and Zoos.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product
in a manner inconsistent with its labeling.

[] indicates alternate or optional wording

[This product is not labeled for use in food areas of commercial food handling establishments, but may be used in non-food areas of commercial food handling establishments.]

NOTE: When used in hospital rooms, convalescent hospital rooms, and nursing home rooms, patients should be removed prior to treatment. Ventilate treated rooms thoroughly for two (2) hours after treatment. Do not return patients to treated room until after ventilation.

READ ALL DIRECTIONS COMPLETELY BEFORE USE

Follow directions for specific use areas. Do not wet carpet, draperies and furniture excessively. Always test in an inconspicuous [hidden] area prior to use as some natural and synthetic fibers may be adversely affected by any liquid product.

FOR FLEA CONTROL:

Flea eggs deposited on treated areas will not develop into adult fleas. Flea larvae crawling onto treated surfaces will also not develop into adult fleas. NYLAR® Concentrate 2607 [or brand name] eliminates the flea population when used as directed. NYLAR® Concentrate 2607 [or brand name] causes a gradual reduction and ultimate elimination of the flea population by breaking the reproductive cycle. NYLAR® Concentrate 2607 [or brand name] stops [blocks (interrupts) (terminates)] the flea life cycle and inhibits [stops] the development of the immature stages of the flea [preadult (larval) fleas] [eggs (hatching eggs) (larvae)] for [210 days] [30 weeks] [7 months] preventing them from reaching the biting adult stage. Existing adult fleas and flea pupae are not affected.

If a high population of adult [the biting stage] fleas is present, the use of an adulticide [brand name] may be necessary for immediate relief [control]. This concentrate [brand name] may also be combined with a flea adulticide [adulticide, such as] [brand name]. NYLAR® Concentrate 2607 [or brand name] complements the rapid activity of the adulticide [brand name] by providing long term control of preadult fleas [hatching (larval) fleas (eggs) (hatching eggs) (larvae)] before they mature and become biting adults.

Flea control on pets is important in the prevention of the introduction of adult fleas. Pets, their bedding and the areas they frequent should also be treated with EPA registered flea and tick control products, [such as] [brand name] flea or flea and tick collar, [brand name] pet powder, [brand name] pet spray, [brand name] pet dip, [brand name] pet shampoo, flea shampoo or flea and tick shampoo [brand name outdoor product such as]), as part of a complete flea control program in conjunction with this application to minimize the introduction of adult fleas.

NYLAR® Concentrate 2607 [or brand name] can be used prior to the flea season. Application of this product in areas where pets and other animals are known to frequent and where previous infestations have been known to occur will prevent [stop] the emergence of adult fleas and also control [stop (kill)] immature stages of fleas. This early usage could reduce the need for conventional insecticides when used alone as directed. Pretreatment of these areas before the fleas become biting and reproductive adults will aid in reducing developing populations.

Flea Control	Treatment	Spray Solution Preparation	Coverage per unit area	Comments
Indoor Flea Control	General Surface Application (including Broadcast, Spot and Crack & Crevice)	1 fl. oz. NYLAR® Concentrate 2607 [or brand name] per gallon [per ½ Gallon] (7.8 ml/L) of water	1 fl. oz. NYLAR® Concentrate 2607 [or brand name] diluted per gallon (7.8 ml/L) per 1,500 sq. ft. (139 m ²)	<ul style="list-style-type: none"> • Use in conjunction with an adulticide to provide immediate control of adult fleas and flea pupae. • Treat animals with an EPA registered flea control product. • Reapply exterior applications every 21 days.
	In conjunction with carpet shampoo	1 fl. oz. NYLAR® Concentrate 2607 [or brand name] per gallon (7.8 ml/L) of shampoo dilution	1 fl. oz. NYLAR® Concentrate 2607 (29.6 ml) per volume of diluted shampoo to treat 1,500 sq. ft. (139 m ²)	
In Kennels and Doghouses	General Surface Application (including Broadcast, Spot and Crack & Crevice)	1 fl. oz. NYLAR® Concentrate 2607 [or brand name] per gallon (7.8 ml/L) of water	1 fl. oz. NYLAR® Concentrate 2607 [or brand name] (29.6 ml) diluted per gallon per 1,500 sq. ft. (139 m ²)	
Outdoor Flea Control	General Surface Application (including Broadcast, Spot and Crack & Crevice)	1 fl. oz. NYLAR® Concentrate 2607 [or brand name] (29.6 ml) in a sufficient volume of water to achieve thorough coverage	1 fl. oz. NYLAR® Concentrate 2607 [or brand name] (29.6 ml) diluted in sufficient volume of water per 1,000 sq. ft. (93 m ²)	

INDOOR FLEA CONTROL:

Prior to treatment, carpets, draperies and upholstered furniture should be vacuumed thoroughly and the vacuum cleaner bag disposed of in an outdoor trash receptacle. Remove pets from area to be treated. After treatment, do not allow children and pets into treated areas until spray has dried.

INSTRUCTIONS FOR USE: NYLAR® Concentrate 2607 [or brand name] is mixed with water and applied with spray equipment such as any low pressure sprayer [tank type sprayer] [trigger sprayer] typically used for indoor applications.

SPRAY PREPARATION: Prepare a diluted spray solution by adding 1 fluid ounce of NYLAR® Concentrate 2607 [or brand name] per gallon (7.8 ml/L) of water. Partially fill the mixing container with water, add NYLAR® Concentrate 2607 [or brand name], agitate and fill to final volume. Mix before each use.

IN CONJUNCTION WITH AN ADULTICIDE INSECTICIDE: NYLAR® Concentrate 2607 [or brand name] can be mixed with other pesticides [brand name] registered for adult control of fleas in accordance with the most restrictive of label limitations and precautions. No label dosage rates may be exceeded. This product cannot be mixed with any product containing a label prohibition against such mixing. The combination would provide immediate relief [control] of adult fleas and inhibit the development of the immature stages of the flea [preadult (larval) fleas] [eggs (hatching eggs) (larvae)] for [210 days] [30 weeks] [7 months]. Use NYLAR® Concentrate 2607 [or brand name] at application rates specified above.

GENERAL SURFACE APPLICATION: Apply NYLAR® Concentrate 2607 [or brand name] diluted spray at the rate of 1 gallon per 1,500 square feet (27 ml/m²) of surface area. Treat all areas that may harbor fleas, including [such as] carpets, furniture, pet sleeping areas and throw rugs. Treat under cushions of upholstered furniture. Do not allow children or pets to contact treated surfaces until spray has dried.

IN CONJUNCTION WITH CARPET SHAMPOO: NYLAR® Concentrate 2607 [or brand name] may be combined with a liquid, non-heat extracting carpet shampoo application. Following dilution instructions on carpet shampoo, add 1 fluid ounce of NYLAR® Concentrate 2607 [or brand name] per gallon (7.8 ml/L) of diluted shampoo to be applied to carpet. Mix well and shampoo carpet as per instructions on the shampoo product label using approximately one gallon of diluted shampoo to treat 1,500 sq. ft. (139 m²). Allow carpet to completely dry and vacuum thoroughly.

IN KENNELS AND DOGHOUSES: Treatment of these areas will control [kill (stop)] the development of preadult [larval] fleas [larvae (hatching eggs)] from becoming biting and reproductive adult fleas. Using an adjustable hose-end sprayer, tank type sprayer or sprinkling can, prepare a diluted spray solution by adding 1 fluid ounce per gallon (7.8 ml/L) of water. Partially fill the sprayer with water, add required amount of concentrate in sprayer, agitate and fill to final volume. Agitate before each spray.

Apply at a rate of 1 gallon diluted solution per 1,500 square feet (27 ml/m²) of surface area. Apply to resting areas, walls, floor, animal bedding and run areas. Remove animals before spraying and do not return animals to treated areas until spray has dried completely. Pets and their bedding should also be treated with EPA registered flea and tick control products, [such as] [brand name] flea or flea and tick collar, [brand name] pet powder, [brand name] pet spray, [brand name] pet dip, [brand name] pet shampoo, flea shampoo or flea and tick pet shampoo, in conjunction with this application as part of a complete flea control program to prevent the introduction of adult fleas.

OUTDOOR FLEA CONTROL:

Apply NYLAR® Concentrate 2607 [or brand name] dilution, to areas where pets normally frequent such as under trees, ornamental plants and shrubs. NYLAR® Concentrate 2607 [or brand name] acts on the immature life stages of the flea, preventing the development of adult fleas. Flea eggs deposited on treated areas will not develop into adult fleas. Flea larvae crawling onto treated surfaces will also not develop into adult fleas. NYLAR® Concentrate 2607 [or brand name] eliminates the flea population when used as directed. NYLAR® Concentrate 2607 [or brand name] controls the flea population by inhibiting reproduction. NYLAR® Concentrate 2607 [or brand name] causes a gradual reduction and ultimately eliminates the flea population by breaking the reproductive cycle. This concentrate does not affect existing adult fleas and flea pupae. Application on soil surfaces will provide 21 days of IGR activity. [Treat lawn area with an EPA registered lawn treatment product such as [brand name registered product] to kill adult fleas if a large population exists.]

SPRAY PREPARATION: Using a hose-end sprayer, tank type sprayer or sprinkling can, prepare a diluted spray solution by adding 1 fluid ounce (29.6 ml) of NYLAR® Concentrate 2607 [or brand name] [in a sufficient volume of water to achieve thorough coverage of] [5 to 15 gallons of water (18.9 L to 56.7 L), depending on equipment used to cover] 1,000 square feet (93 m²). Partially filling the sprayer with water, add NYLAR® Concentrate 2607 [or brand name], agitate and fill with water to the final volume. Agitate before each spray.

Spray using a slow, even sweeping motion, being sure to cover surface areas where pets normally frequent. Avoid soaking young or flowering plants. One (1) tsp. per gallon (3.99 ml/L) will cover 166 square feet (15.4 m²) for treating pet resting areas. Do not apply under windy conditions. Do not apply this product in or around bodies of water. Repeat application in 21 days.

Remove animals before spraying and do not allow animals or children to return to treated areas until spray has dried completely. Pets and their bedding should also be treated with EPA registered flea and tick control products, [such as] [brand name] flea or flea and tick collar, [brand name] pet dust, [brand name] pet spray, [brand name] pet dip, [brand name] pet shampoo, flea shampoo or flea and tick pet shampoo, in conjunction with this application as a part of a complete flea control program to prevent the introduction of adult fleas.

FOR GERMAN, ASIAN, AND BROWN BANDED COCKROACH AND CRICKET CONTROL:

The active ingredient in NYLAR® Concentrate 2607 [or brand name] is an insect growth regulator. NYLAR® Concentrate 2607 [or brand name] acts on the immature life stages of the cockroach and cricket, preventing [stopping (inhibiting)] nymphal cockroaches and crickets from developing into adults [breeding adults] [reproductive adults] [egg laying adults]. Shortly after application of this concentrate cockroaches with twisted wings will begin to appear, indicating that NYLAR® Concentrate 2607 [or brand name] has taken effect - those cockroaches with twisted wings are unable to reproduce. NYLAR® Concentrate 2607 [or brand name] eliminates the cockroach and cricket population when used as directed. One treatment works for [180 days] [26 weeks] [6 months] against hatching cockroaches [nymphal (preadult) cockroaches] [hatching eggs (nymphs)] and crickets.

If high populations of adult cockroaches are present, the use of an adulticide [brand name] may be necessary for immediate relief [control]. NYLAR® Concentrate 2607 [or brand name] causes a gradual reduction in the cockroach population by interrupting [breaking] the life cycle of the cockroach and preventing the cockroaches from breeding. This concentrate may also be combined with a cockroach adulticide [adulticide, such as] [brand name]. NYLAR® Concentrate 2607 [or brand name] complements the rapid activity of the adulticide [brand name] by providing long term control of cockroach nymphs [preadult (nymphal) cockroaches] before they become breeding adults [reproductive adults] [adults].

Cockroach and Cricket Control	Treatment	Spray Solution Preparation	Coverage per unit area	Comments
Indoor	General Surface Application (including Broadcast, Spot and Crack & Crevice)	2 fl. oz. NYLAR® <u>[1 fl. oz.]</u> Concentrate 2607 [or brand name] per gallon <u>[1/2 Gallon]</u> (15.6 ml/L) of water	2 fl. oz. <u>[1 fl. oz.]</u> NYLAR® Concentrate 2607 [or brand name] diluted per gallon <u>[1/2 Gallon]</u> (15.6 ml/L) of water per 1,000 sq. ft. (93 m ²) <u>500 sq. ft. (70 m²)</u> or 1,000 linear feet (305 m) <u>500 linear ft. (152 m)</u> for Crack & Crevice	• Use in conjunction with an adulticide to provide immediate control of adult insects.
Outdoor	Perimeter Crack and Crevice	2 fl. oz. <u>[1 fl. oz.]</u> NYLAR® Concentrate 2607 [or brand name] per gallon <u>[1/2 Gallon]</u> (15.6 ml/L) of water	2 fl. oz. <u>[1 fl. oz.]</u> NYLAR® Concentrate 2607 [or brand name] diluted per gallon <u>[1/2 Gallon]</u> (15.6 ml/L) of water per 1,000 linear feet (305 m) <u>500 linear feet (152m)</u>	

FOR INDOOR COCKROACH AND CRICKET CONTROL:

INSTRUCTIONS FOR USE: NYLAR® Concentrate 2607 [or brand name] is mixed with water and applied with spray equipment such as a low pressure sprayer [tank type sprayer] [trigger sprayer] typically used for indoor applications.

SPRAY PREPARATION: Prepare a diluted spray solution by adding 2 fluid ounces [1 fl. oz.] of NYLAR® Concentrate 2607 [or brand name] per gallon [1/2 Gallon] (15.6 ml/L) of water. Partially fill the mixing container with water, add NYLAR® Concentrate 2607 [or brand name], agitate and fill to the final volume. Agitate before each spray.

DILUTION FOR FOGGING APPLICATION: To prepare the fogging solution, mix 1 fl. oz. (29.6 ml) of this concentrate with 1 fl. oz. (29.6 ml) of petroleum distillate or 1 fl. oz. (29.6 ml) of water and agitate to assure a uniform mixture. The resulting 2 fl. oz. (59.2 ml) of solution will then be used to fog 1,900 cubic feet (53.8 m³) of space.

IN CONJUNCTION WITH AN ADULTICIDE INSECTICIDE: NYLAR® Concentrate 2607 [or brand name] can be mixed with other pesticides registered for adult control of cockroaches in accordance with the most restrictive of label limitations and precautions. No label dosage rates may be exceeded. This product cannot be mixed with any product containing a label prohibition against such mixing. The combination would provide immediate relief [control] of adult cockroaches and inhibit the development of the immature stages of the cockroach [preadult (nymphal) cockroaches] [hatching eggs (nymphs)] for [180 days] [26 weeks] [6 months]. Use NYLAR® Concentrate 2607 [or brand name] at application rates specified above.

GENERAL SURFACE APPLICATIONS – COCKROACHES Brown Banded Cockroach, Asian Cockroach, German Cockroach, and Cricket: Apply diluted spray at the rate of 1 gallon per 1,000 square feet (40 ml/m²) [1/2 Gallon per 500 sq. ft.] of surface area as a spot treatment, surface application and crack and crevice spray. Contact as many insects as possible with this spray in addition to thorough spraying of all parts of the room suspected of harboring these pests. Special attention should be paid to hiding places such as beneath sinks, behind and beneath stoves and refrigerators, cracks and crevices, around garbage cans, cabinets, along the outside of baseboards, door and window sills, door and window frames and floors, around and on drains, pipes, plumbing, behind bookcases, storage and other utility installation areas, infested furniture and the inside of cabinets and closets hitting insects with spray whenever possible.

FOR OUTDOOR PERIMETER TREATMENTS FOR COCKROACHES AND CRICKETS:

Prepare a diluted spray solution by adding 2 fluid ounces [1 fl. oz.] of NYLAR® Concentrate 2607 [or brand name] per gallon [1/2 Gallon] (15.6 ml/L) of water into any low-pressure sprayer [tank type sprayer] trigger sprayer] [pump sprayer]. At the rate of 1 gallon per 1,000 feet [1/2 Gallon per 500 ft.] (12 ml/m), apply in a band 2-4 feet (0.4–0.8 m) adjacent to and around the structure and apply to a height of 2-3 feet (0.6–0.9) on the foundation where pests may be active or may find entrance. Apply as a surface spray around window frames, doors, garage doors, patios, decks, carports, and shutters, around garbage areas, sill plates and other areas where cockroaches may congregate. Do not apply as a space spray. Do not apply under windy conditions. Do not apply this product in or around bodies of water.

FOR CONTROL OF STORED PRODUCT PESTS:

(Including Indian Meal Moths, Rice Moths, Tobacco Moths, Red Flour Beetles, Confused Flour Beetles, Lesser Grain Borers, Merchant Grain Beetles, Sawtoothed Grain Beetles, Warehouse Beetles, Cigarette Beetles, and Dermestid Beetles).

FOOD AND NON-FOOD WAREHOUSES: NYLAR® Concentrate 2607 [or brand name] may be applied as a general surface, fogger, spot or crack and crevice treatment in food and non-food storage warehouses. Apply to all areas that may harbor pests, including under and between pallets. Repeat application in 90 days.

TREATMENTS IN FOOD HANDLING ESTABLISHMENTS (Places other than private residences in which food is held, processed, prepared or served): Application is limited to space, general surface, spot, and/or crack and crevice treatment in food handling establishments where food and food products are held, prepared, processed and served. Space and general surface application may be used only when the facility is not in operation provided exposed food is covered or removed from the area being treated prior to application. Spot, and/or crack and crevice treatments may be used while the facility is in operation provided exposed food is covered or removed from the area being treated prior to application. Food contact surfaces must be thoroughly washed with an effective cleaning compound and rinsed with potable water after use of the product.

NON-FOOD AREAS: NYLAR® Concentrate 2607 [or brand name] may be used to treat non-food areas. Non-food areas include areas such as garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets, and storage (after canning or bottling).

[FOOD] [SERVING] AREAS: NYLAR® Concentrate 2607 [or brand name] can be used to treat food areas. May be used in food areas of food handling establishments, restaurants, or other areas where foods are commercially prepared or served. May be used in serving areas only when facility is not in operation or food is not exposed. Serving areas are areas where prepared foods are served, such as dining rooms. In the home all food-processing surfaces and utensils must be covered during treatment or thoroughly washed before use. Food areas include areas for receiving, storage, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage, and enclosed processing systems (mills, dairies, edible oils, syrups). Repeat application in 90 days.

[Do not use in food/feed areas of food/feed handling establishments, restaurants or other areas where food/feed is commercially prepared or processed.]

SPRAY PREPARATION FOR SURFACE, SPOT, AND CRACK AND CREVICE APPLICATIONS: Prepare a diluted spray solution by adding 1.5 [1.0] fluid ounces of NYLAR® Concentrate 2607 [or brand name] per gallon-gallon [85 fl. oz.] (11.7 ml/L) of water. Partially fill the mixing container with water, add NYLAR® Concentrate 2607 [or brand name], agitate and fill to final volume. Agitate before each spray application.

TANK MIXING: NYLAR® Concentrate 2607 [or brand name] can be mixed with other pesticides in accordance with the most restrictive of label limitations and precautions. No label dosage rates may be exceeded. This product cannot be mixed with any product containing a label prohibition against such mixing.

Stored Product Pests	Treatment	Spray Solution Preparation	Coverage per unit area	Comments
Food and Non-food areas	General Surface Application (including Broadcast, Spot and Crack & Crevice)	1.5 fl. oz. <u>[1.0 fl. oz.]</u> NYLAR® Concentrate 2607 [or brand name] per gallon <u>[85 fl. oz.]</u> (11.7 ml/L) of water	1.5 fl. oz. <u>[1.0 fl. oz.]</u> NYLAR® Concentrate 2607 [or brand name] diluted per gallon <u>[85 fl. oz.]</u> (11.7 ml/L) of water per 1,500 sq. ft. <u>[139 m²] [1,000 sq. ft. (93 m²)]</u> or 1,000 linear feet (305 m) for Crack & Crevice	• Use in conjunction with an adulticide to provide immediate control of adult insects
Food and Non-food areas	Fogging / ULV	1.5 fl. oz. (44.3 ml) <u>[1.0 fl. oz. (30 mls)]</u> diluted in appropriate carrier	1.5 fl. oz. (44.3 ml) <u>[1.0 fl. oz. (30 mls)]</u> NYLAR® Concentrate 2607 [or brand name] diluted in appropriate carrier per 12,000 cu. ft. (340 m ³) <u>[8,000 cu. ft. (227 m³)]</u>	

GENERAL SURFACE APPLICATIONS: Apply diluted spray at a rate of 1 gallon per 1,500 square feet [85 fl. oz. per 1,000 sq. ft.] (27 ml/m²). For treatment of food processing and food handling establishments, apply with a sprayer that will give coarse, wet droplets. Spray surfaces, into cracks and crevices in walls and floors, under and between pallets, areas at the base of machinery and equipment, under furniture, in mop and equipment closets, behind cabinets, under shelves and racks, around pipes and openings in floors and walls, along baseboards, in wall voids, and other areas where insects seek harborage. Contact as many insects as possible. Repeat application in 90 days.

SPOT AND CRACK AND CREVICE APPLICATIONS: Apply NYLAR® Concentrate 2607 [or brand name] diluted spray solution using a pressurized spray system capable of delivering a pinpoint or variable spray pattern. Crack and crevice applications may be made directly to areas such as crevices, baseboards, floors, ceilings, walls, expansion joints, molding, areas around water and sewer pipes, voids where pests can hide and similar areas. Spot treatments may also be made to areas including storage areas, closets, around water pipes, doors and windows, behind and under refrigerators, cabinets, sinks, stoves and other equipment, shelves, drawers and similar areas.

FOGGING APPLICATIONS: NYLAR® Concentrate 2607 [or brand name] may be applied as a fog or an ultra-low volume (ULV) application with equipment such as ULV equipment, mechanical misting sprayers, aerosol generators, or thermal foggers. To prepare the fogging solution, follow the equipment manufacturer's solution preparation instructions. For fogging applications, NYLAR® Concentrate 2607 [or brand name] may be diluted with water or petroleum distillate. Apply at a rate of 1.5 fluid ounces (44.3 ml) [1.0 fl. oz. (30 mls)] of NYLAR® Concentrate 2607 [or brand name] diluted in appropriate carrier per 12,000 cubic feet (340 m³) [8,000 cu. ft. (227 m³)]. Fogging applications are recommended for larger facilities including food and non-food warehouses. Close area to be treated and shut off all ventilation systems. Apply the product in the air and direct fog or mist toward all areas that may harbor target pests. After treatment, leave the room closed for 30 minutes or longer as recommended by the equipment manufacturer or the labels of other products applied in tank mixing. Do not remain in treated area. Ventilate thoroughly before reentry.

FOR CONTROL OF LITTER BEETLES (such as Darkling, Hide and Carrion Beetles):

NYLAR® Concentrate 2607 [or brand name] can be applied to litter, such as in poultry houses infested with litter beetles, to break the lifecycle of these insect pests. Make uniform application of NYLAR® Concentrate 2607 [or brand name] to litter at the rate of 1 fluid ounce of NYLAR® Concentrate 2607 [or brand name] per 1,000 square feet (0.32 ml/m²) space in sufficient volume of water to achieve thorough coverage. For effective prevention of beetle larvae in litter, remove animals from immediate treatment area and old litter. Surface treat immediately after animals are removed and again just prior to new animal placement is most effective. Adult egg-laying beetles can be killed with fast-acting adulticides. Application of adulticides to walls and floors at cleanout, before reintroduction of animals, will suppress beetles that escaped earlier treatment and will help delay onset of future infestations. Pay attention to areas where beetles frequently occur, such as walls, supports, cages, stalls and around feeders. Cover or remove exposed food, feed, water and watering equipment.

Apply NYLAR® Concentrate 2607 [or brand name] uniformly at the rate of 1 fluid ounce of NYLAR® Concentrate 2607 [or brand name] per 1,000 square feet (0.32 ml/m²) to floor area and to walls, posts, and cage framing (birds grown in cages only). Application should also be made into cracks and crevices around insulation. Reapply after each grow out or sanitization procedure. Indoor control can be enhanced by making perimeter treatments around the outside of building foundations to prevent immigrating adult beetles. Apply NYLAR® Concentrate 2607 [or brand name] or adulticide insecticides, or both, in a uniform band at least 1 foot (0.3 m) up and 1-4 feet (0.3–1.2 m) out from foundation. Maintaining a year-round treatment program will prevent background populations from reaching problem levels.

Litter Beetle Control	Treatment	Spray Solution Preparation	Coverage per unit area	Comments
In Poultry Houses	General Surface Application (including Broadcast, Spot and Crack & Crevice)	1 fl. oz. (29.6 ml) NYLAR® Concentrate 2607 [or brand name] in sufficient volume of water to achieve thorough coverage	1 fl. oz. (29.6 ml) NYLAR® Concentrate 2607 [or brand name] diluted in sufficient volume of water to achieve thorough coverage per 1,000 sq. ft. (93 m ²) or 1,000 linear feet (305 m) for Crack & Crevice	<ul style="list-style-type: none"> Use in conjunction with an adulticide to provide immediate control of adult Litter Beetles. Do not apply to interior areas where animals are present.

FOR CONTROL OF ANTS:

Apply NYLAR® Concentrate 2607 [or brand name] at the rate of 2 fluid ounces [1 fl. oz.] diluted in one gallon (15.6 ml/L) [1/2 Gallon] of water per 1,000 square feet (93 m²) [500 sq. ft. (46 m²)] to interior areas where ants are actively foraging and in a band 6-10 feet (1.8 – 3.0 m) wide adjacent to the exterior foundation wall of the building. NYLAR® Concentrate 2607 [or brand name] may be used alone, with alternating treatments of an adulticide insecticide, or in a tank mix combination with an adulticide insecticide.

- If needed, repeat treatments with NYLAR® Concentrate 2607 [or brand name] may be made 14 days after previous treatment or if heavy rainfall occurs repeat application.

Ant Control	Treatment	Spray Solution Preparation	Coverage per unit area	Comments
Interior and Exterior applications	General Surface Application (including Broadcast, Spot and Crack & Crevice)	2 fl. oz. NYLAR® Concentrate 2607 [1.0 fl. oz.] [or brand name] per gallon [1/2 Gallon] (15.6 ml/L) of water, thoroughly wet surface being treated	2 fl. oz. [1.0 fl. oz.] NYLAR® Concentrate 2607 [or brand name] diluted per gallon [1/2 Gallon] (15.6 ml) of water per 1,000 sq. ft. (93 m ²) [500 sq. ft. (46 m ²)] or 1,000 linear (305 m) feet [500 linear ft. (152 meters)] for Crack & Crevice	<ul style="list-style-type: none"> Use in conjunction with an adulticide to provide immediate control of adult ants.

FOR CONTROL OF FLYING INSECT PESTS (such as Flies, Moths, Midges, Mosquitoes & Gnats):

GENERAL SURFACE TREATMENTS: For control of House Flies, Stable Flies, Moths, Mosquitoes, Nuisance Flies (Gnats, Midges) and other similar flying pest insects such as those classified as Dipterous or Hymenopterous. NYLAR® Concentrate 2607 [or brand name] effects both adult and juvenile stages. In House Flies, NYLAR® Concentrate 2607 [or brand name] causes a decrease in the number and hatching of eggs laid by treated adults. Fly larvae (maggots) show physiological and functional defects leading to the inability to develop into normal adults. When used alone, NYLAR® Concentrate 2607 [or brand name] insect growth regulator will result in a reduction in adult fly populations after 3-4 weeks when previously hatched adult flies have died naturally.

NYLAR® Concentrate 2607 [or brand name] may be used for control of flying insect pests in those areas in, on and around residential, commercial, public, industrial and agricultural buildings. For the purposes of controlling general and occasional insect pests, NYLAR® Concentrate 2607 [or brand name] may be used to control nuisance flies, gnats, midges, and mosquitoes by application into moist breeding areas (potted plants, moist debris or litter) or into areas holding standing water such as gutters, drains, pools and fountains.

- Do not apply directly to any natural bodies of water such as ponds, lakes, streams, rivers, marshes, potholes, and estuaries.
- If needed, repeat treatments with NYLAR® Concentrate 2607 [or brand name] may be made 14 days after previous treatment or if heavy rainfall occurs repeat application.

TREATMENTS IN COMBINATION WITH AN ADULTICIDE: For knockdown and more rapid control of adult flying insect pests or to control an influx of flies from untreated areas, use NYLAR® Concentrate 2607 [or brand name] in alternation or in a tank mix combination with an adulticide insecticide. The combination would provide for immediate control of adult flying insects such as flies on resting surfaces such as walls and overhead areas while preventing immature insect stages from developing into adults.

TANK MIXING: NYLAR® Concentrate 2607 [or brand name] can be mixed with other pesticides in accordance with the most restrictive of label limitations and precautions. No label dosage rates may be exceeded. This product cannot be mixed with any product containing a label prohibition against such mixing. Prepare the tank mix using the recommended label rate of adulticide and NYLAR® Concentrate 2607 [or brand name] by adding the adulticide first and making sure it is well mixed and in suspension and then adding the correct amount of NYLAR® Concentrate 2607 [or brand name] according to the label instructions below.

Flying Insect Control	Treatment	Spray Solution Preparation	Coverage per unit area	Comments
Indoor and Outdoor	General Surface Application (including Broadcast, Spot and Crack & Crevice)	1 fl. oz. (30 29.6 mls) NYLAR® Concentrate 2607 [or brand name] in sufficient volume of water to thoroughly wet the surface being treated	1 fl. oz. (30 29.6 mls) NYLAR® Concentrate 2607 [or brand name] diluted in sufficient volume of water to thoroughly wet surface per 1,500 sq. ft. (139 m ²) or 1,000 linear feet (305 m) for Crack & Crevice	• Use in conjunction with an adulticide to provide immediate control of adult insects.
	Fogger / ULV treatment	1.5 fl. oz. (44.3 ml) [1.0 fl. oz. (30 mls)] NYLAR® Concentrate 2607 [or brand name] diluted in carrier	1.5 fl. oz. (44.3 ml)[1.0 fl. oz. (30 mls)] NYLAR® Concentrate 2607 [or brand name] diluted in carrier per 12,000 cu. ft. (340 m ³) [8,000 cu ft. (226 m³)]	

TREATMENTS IN, ON AND AROUND LIVESTOCK AND POULTRY HOUSING AND PET KENNELS: NYLAR® Concentrate 2607 [or brand name] may be used by pest control operators or livestock producers in livestock housing structures (including poultry houses) and pet kennels to control flying insect pests. Remove pets from kennels before treatment. Apply as a general surface, fogger/ULV or a crack and crevice application to areas where flying pests collect or breed.

For surface applications, thoroughly wet floors, walls, ceilings, and doors, around windows, garbage and refuse areas. When used as directed, control will be enhanced when facilities are cleaned and interior applications are supplemented with exterior perimeter treatments.

- Treat birdcages or stock pens only after removal of animals.
- Do not make interior applications of NYLAR® Concentrate 2607 [or brand name] in areas of facility where animals are present.
- Allow treated areas to dry before allowing animals back in treated areas of facility.
- Cover or remove exposed food, feed, water and watering equipment.

TREATMENTS TO INTERIOR AREAS AND SURFACES: Use 1 fluid ounce of NYLAR® Concentrate 2607 [or brand name] per gallon (7.8 ml/L) of water and apply to 1,500 square feet (139 m²) of surface area or in sufficient volume to achieve adequate coverage. Treat all areas where flying insects may collect, rest or breed, including vertical walls, ceilings, pipes, conduits, stalls, stanchions, floors, and walkways. When NYLAR® Concentrate 2607 [or brand name] is used alone, treatments can be extended to animal bedding, manure, and other potential areas where flying insects may breed.

TREATMENTS TO PERIMETER AREAS AND SURFACES: Use 1 fluid ounce of NYLAR® Concentrate 2607 [or brand name] per gallon (7.8 ml/L) of water and apply to outside surfaces of buildings, porches, patios, garages and other areas where these pests have been seen or found. For perimeter control, make a general surface application of 1 fluid ounce (29.6 ml) of product diluted in water to cover 1,500 square feet (139 m²) or in sufficient volume to achieve adequate coverage. To help prevent infestations of buildings by flying insects, treat soil, vegetation or other substrates in a band 6-10 feet (1.8 m–3.0 m) wide adjacent to the building foundations, walls, around doors and windows, and overhead areas where these pests are active and may find entrance or harborage.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE:

Keep this product in its tightly closed original container, when not in use. Store in a cool, dry (preferably locked) area that is inaccessible to children and animals. Store in a cool, dry area under lock and key. Post as a pesticide storage area. Always store pesticides in the original container. Store away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Place liquid formulations on lower shelves and dry formulations above.

PESTICIDE DISPOSAL:

To avoid wastes, use all materials in the containers by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

CONTAINER HANDLING:

Non-refillable container. Do not reuse or refill this container.

[For totes/55 gal containers]

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

[For containers equal to or less than 5 gallons]

Triple rinse container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. ~~Then offer for recycling if available, or puncture and dispose of in a sanitary landfill or by incineration. Do not burn unless allowed by state and local ordinances.~~

[For containers greater than 5 gallons]

Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. ~~Then offer for recycling if available, or puncture and dispose of in a sanitary landfill or by incineration. Do not burn unless allowed by state or local ordinances.~~

[Or for refillable containers]

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. ~~Offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.~~